SimpleScalar Lab Setup

CMPEN431

Installation of SimpleScalar

SimpleScalar 3.0 is already installed on the linux x86-64 machines in CSE Lab W135. Our SimpleScalar is compiled for a PISA little-endian target ISA. All of our benchmarks are compiled for this ISA as well. You need to recompile it if you want to run it on your own machine.

To run the individual benchmarks follow the steps below.
(**$SIMPLESIM** indicate to the path to your simplescalar.)

Bzip2:
cd bzip2
$SIMPLESIM/simplesim-3.0/sim-outorder -config tmp.cfg
bzip2_base.i386-m32-gcc42-nn dryer.jpg

mcf:
cd mcf
$SIMPLESIM/simplesim-3.0/sim-outorder -config tmp.cfg mcf_base.i386-m32-gcc42-nn inp.in

Hmmer:
cd hmmer
$SIMPLESIM/simplesim-3.0/sim-outorder -config tmp.cfg hmmer_base.i386-m32-gcc42-nn bombesin.hmm

Sjeng:
cd sjeng
$SIMPLESIM/simplesim-3.0/sim-outorder -config tmp.cfg sjeng_base.i386-m32-gcc42-nn test.txt

Milc:
cd milc
$SIMPLESIM/simplesim-3.0/sim-outorder -config tmp.cfg milc_base.i386-m32-gcc42-nn < su3imp.in

Equake:
cd equake
$SIMPLESIM/simplesim-3.0/sim-outorder -config tmp.cfg equake_base.pisa_little < inp.in > inp.out